

DEC 12 2002

RECEIVED

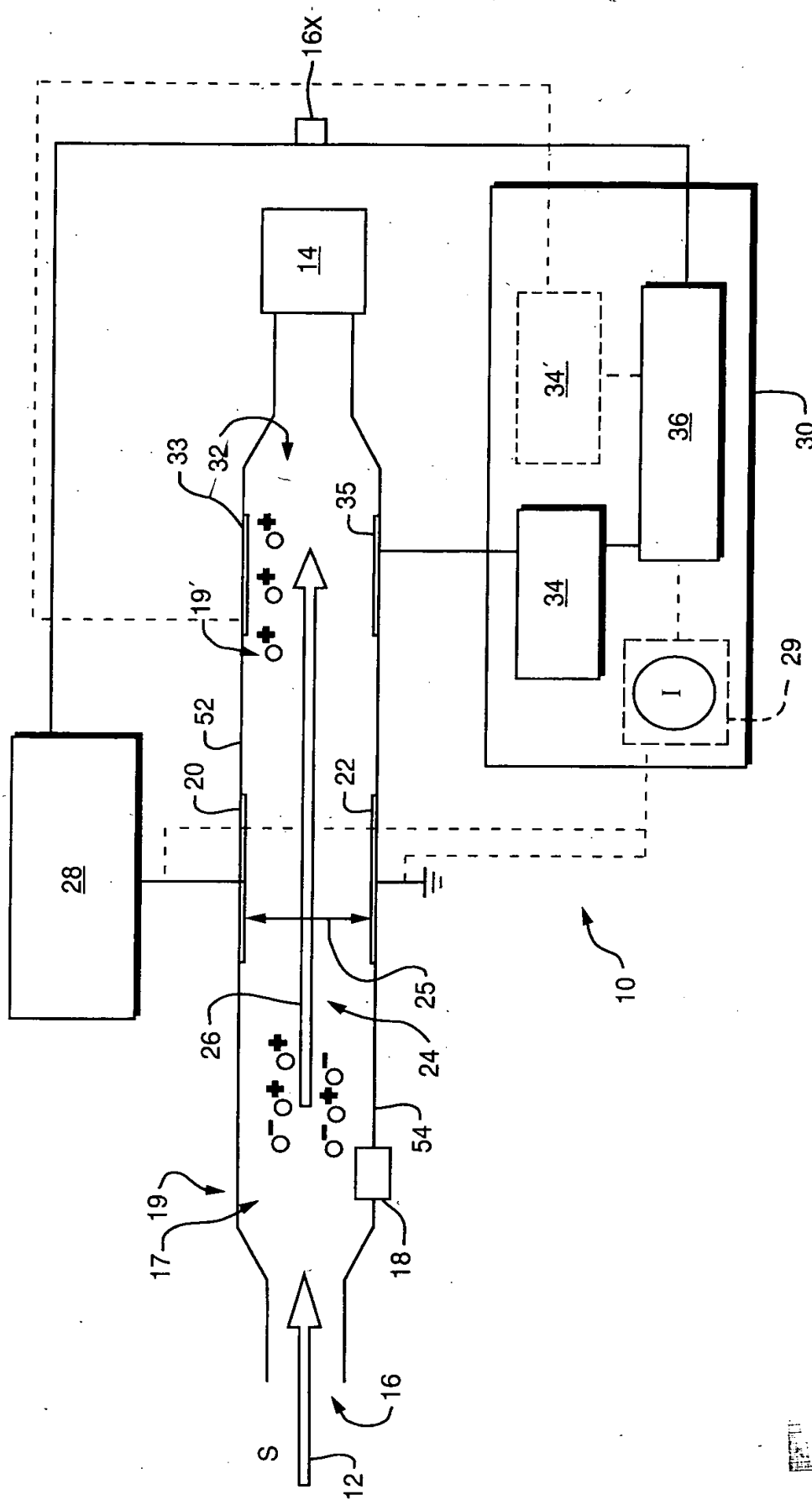


FIG. 1



2/20

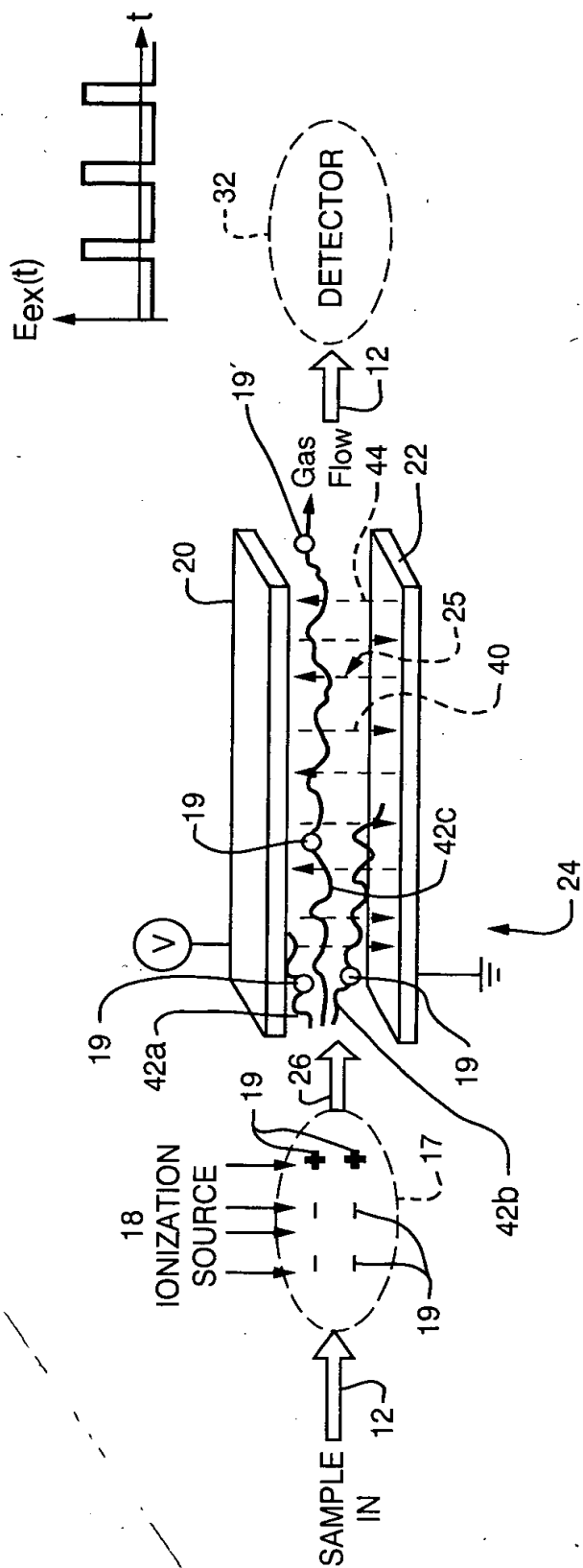


FIG. 2

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



3/20

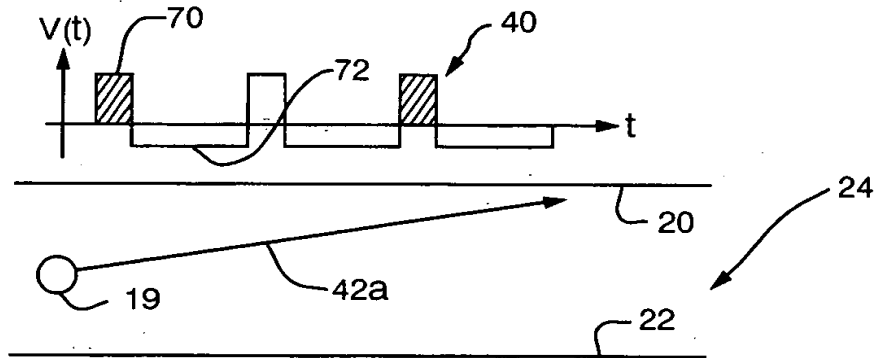


FIG. 3A

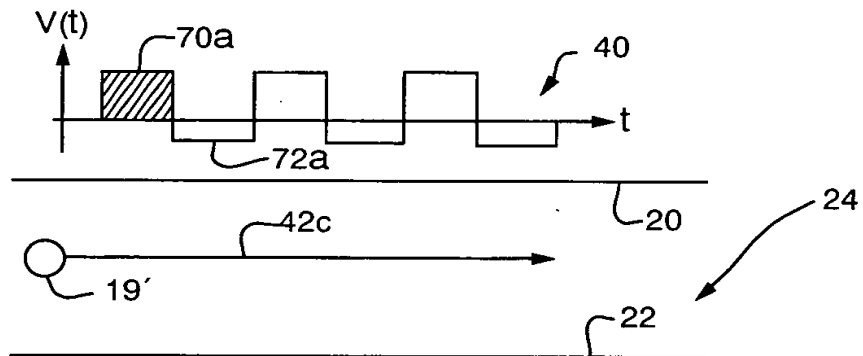


FIG. 3B

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



4/20

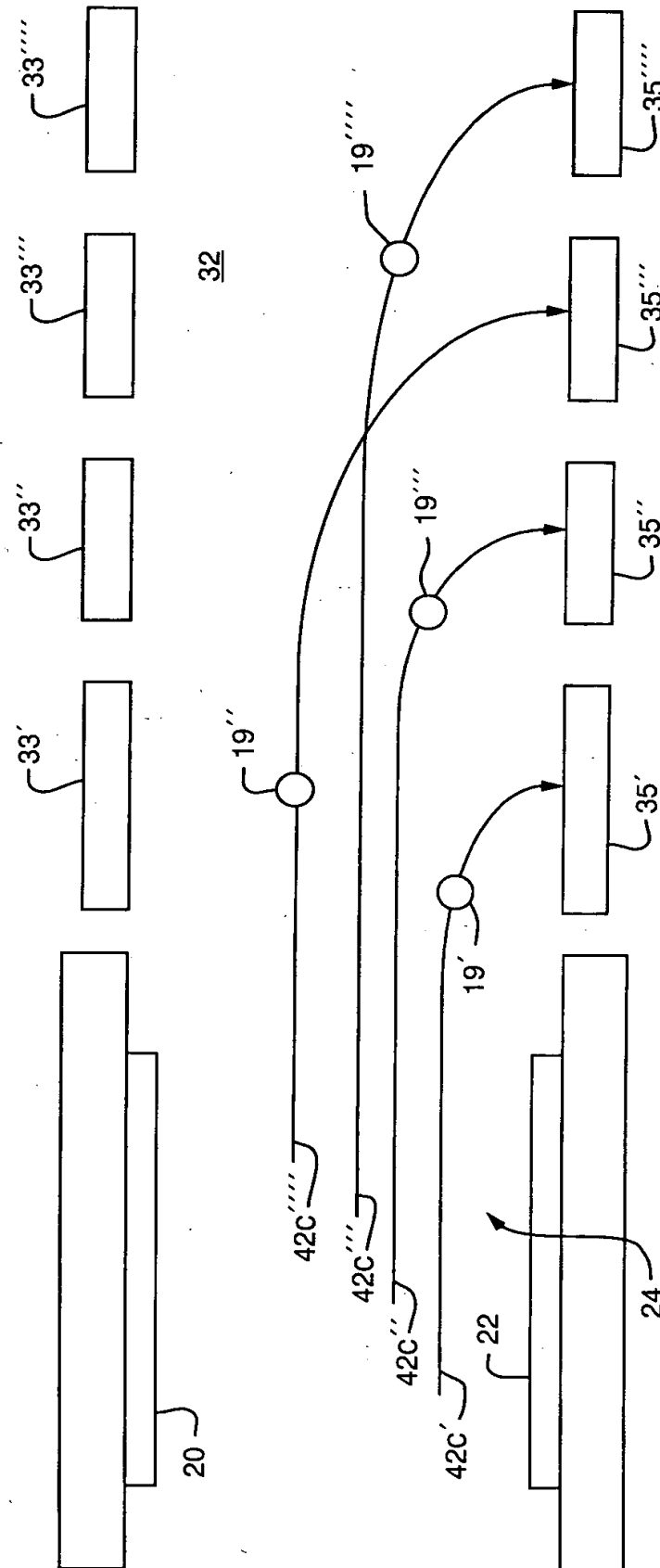


FIG. 4



5/20

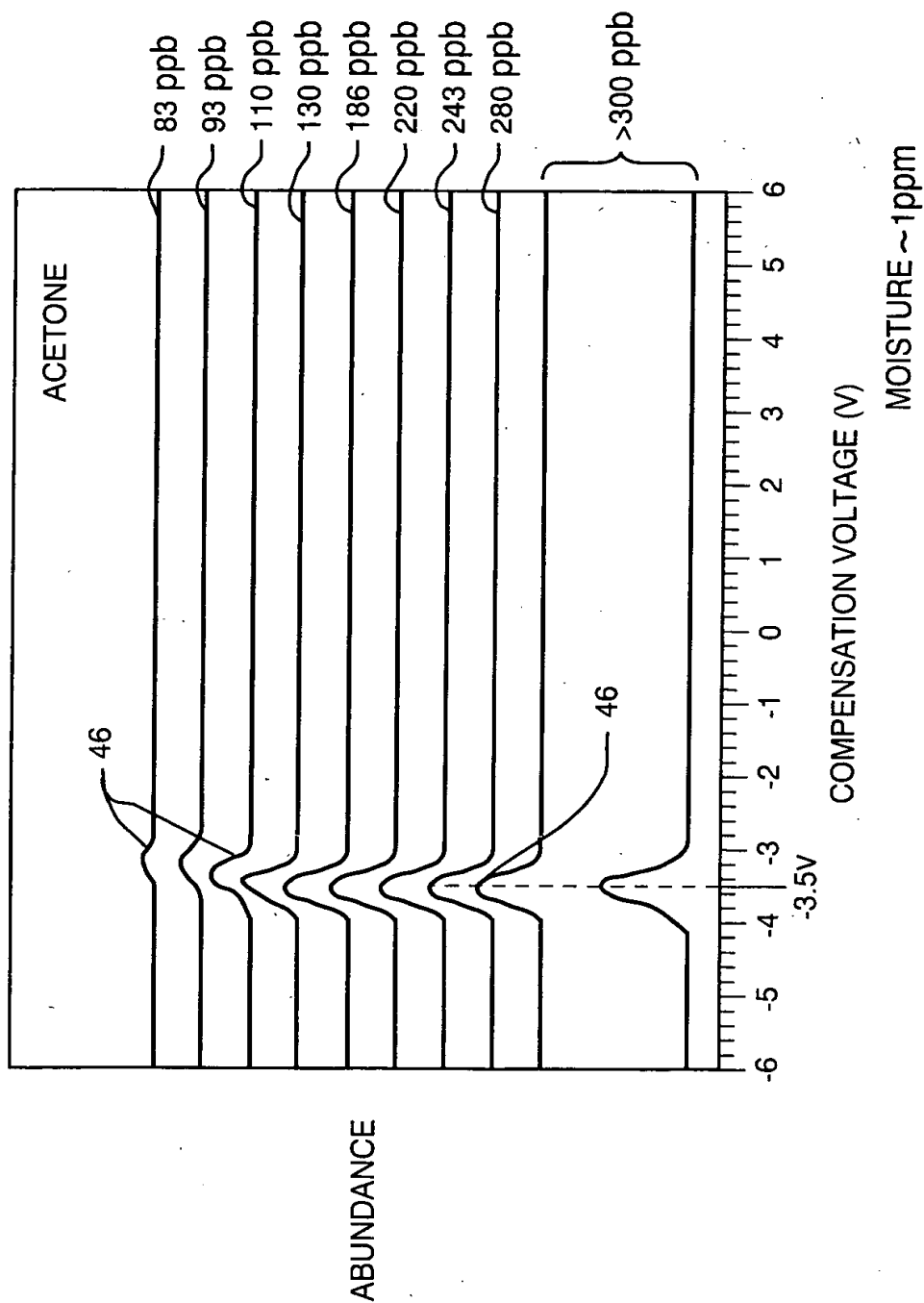
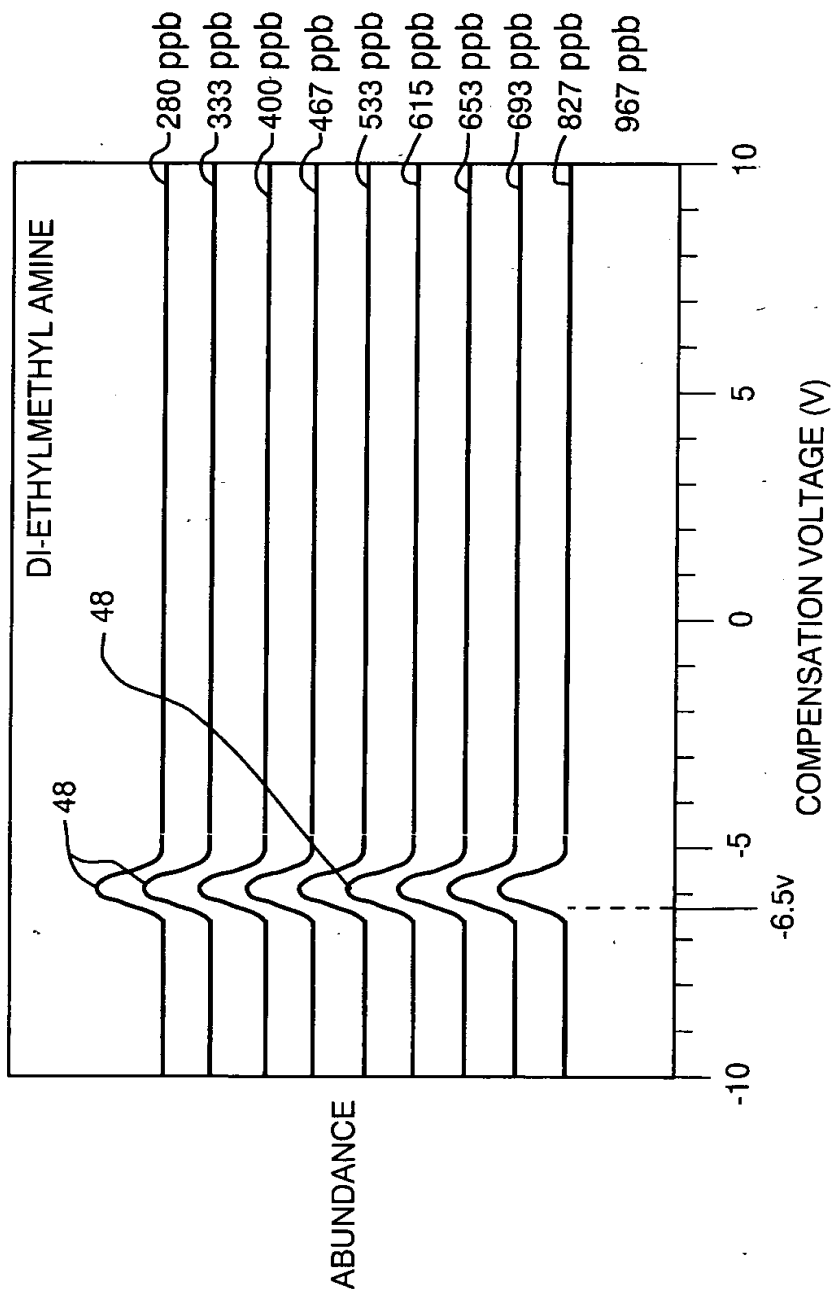


FIG. 5A



Appl. No.: 10/082,803
Title: LONGITUDINAL FIELD DRIVEN ION...
Inventors: Raanan A. Miller and Markus Zahn

6/20



MOISTURE ~1ppm

FIG. 5B

TECHNOLOGY CENTER 2800

DEC 12 2002

RECEIVED



Appl. No.: 10/082,803
Title: LONGITUDINAL FIELD DRIVEN ION...
Inventors: Raanan A. Miller and Markus Zahn

7/20

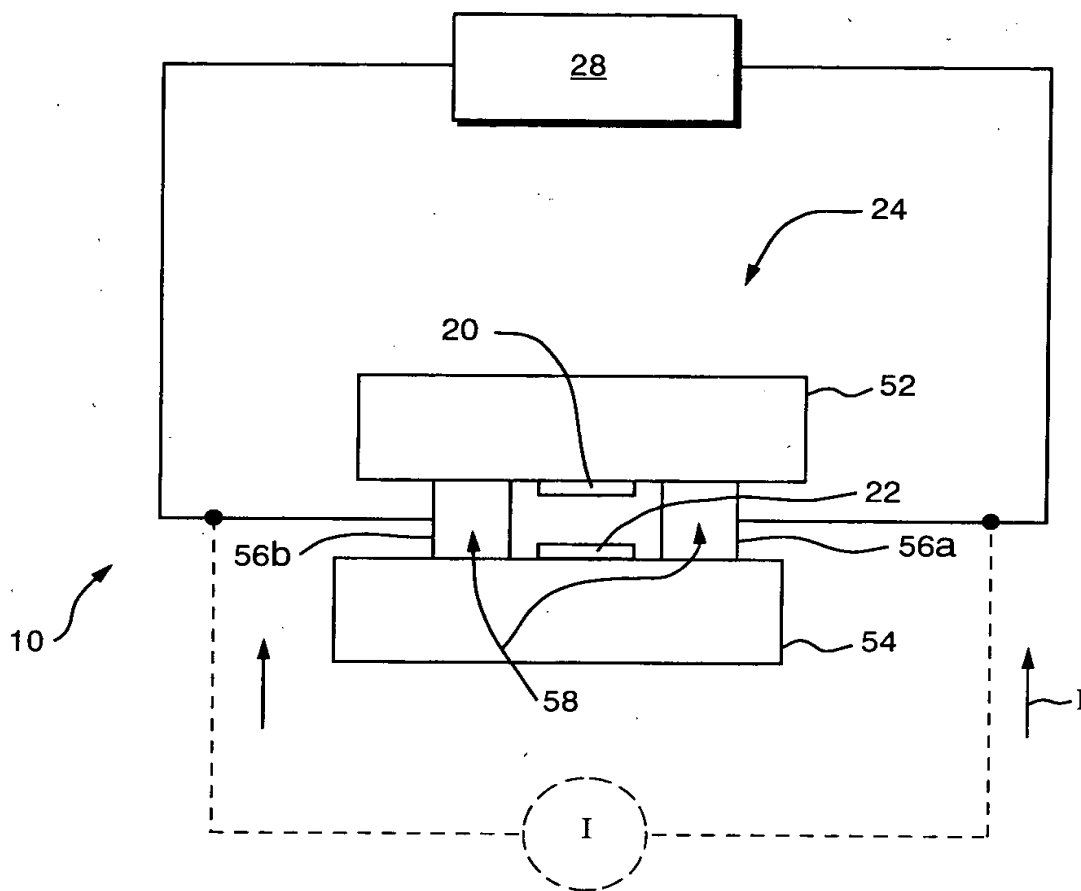


FIG. 6

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



Appl. No.: 10/082,803
Title: LONGITUDINAL FIELD DRIVEN ION...
Inventors: Raanan A. Miller and Markus Zahn

8/20

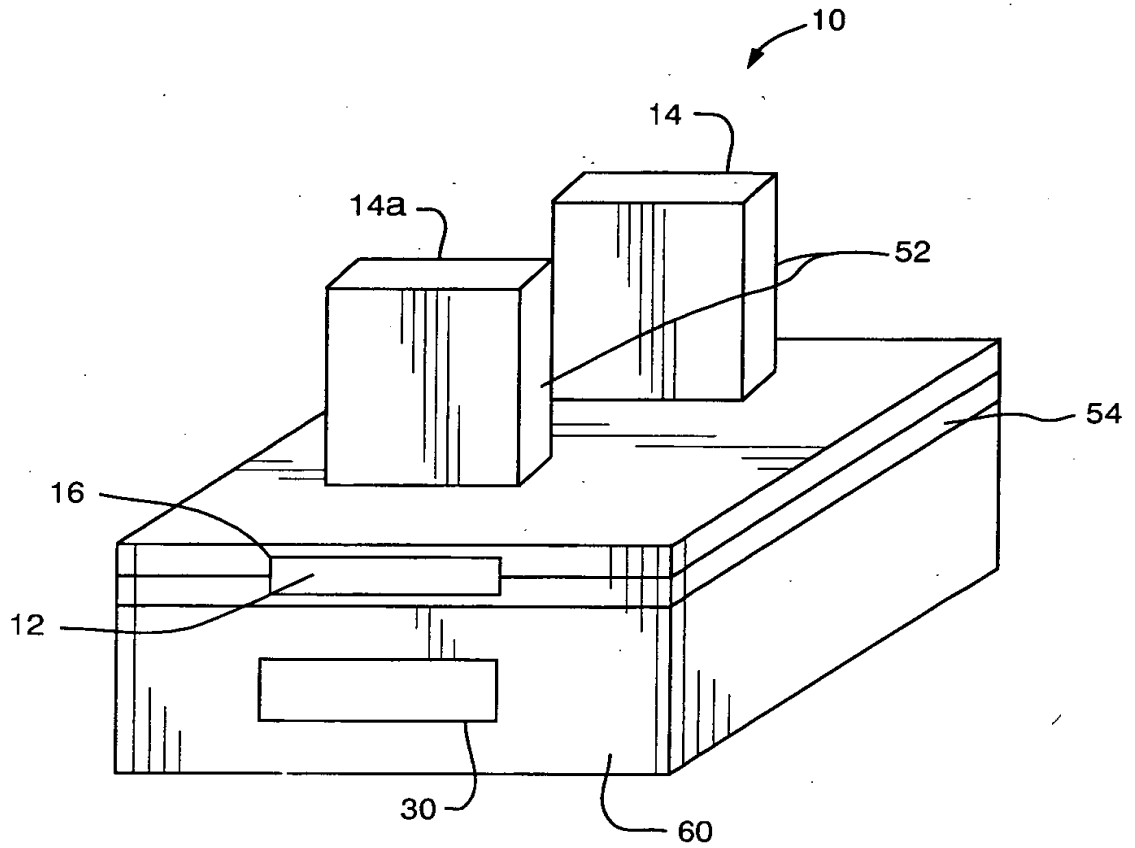
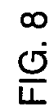


FIG. 7

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



OIPE JC106
 DEC 10 2002
 PATENT & TRADEMARK OFFICE

Appl. No.: 10/082,803
 Title: LONGITUDINAL FIELD DRIVEN ION...
 Inventors: Raanan A. Miller and Markus Zahn

10/20

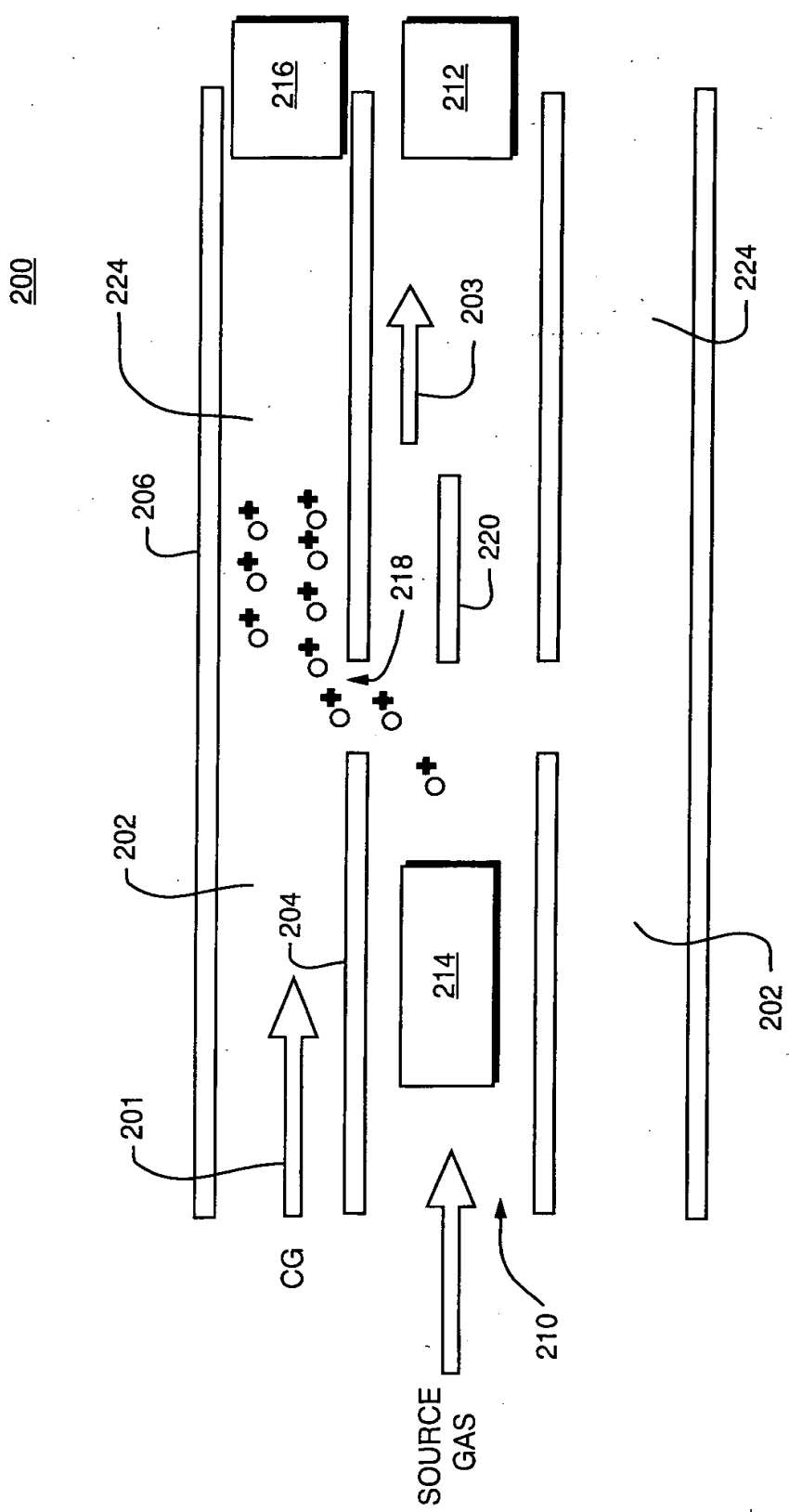
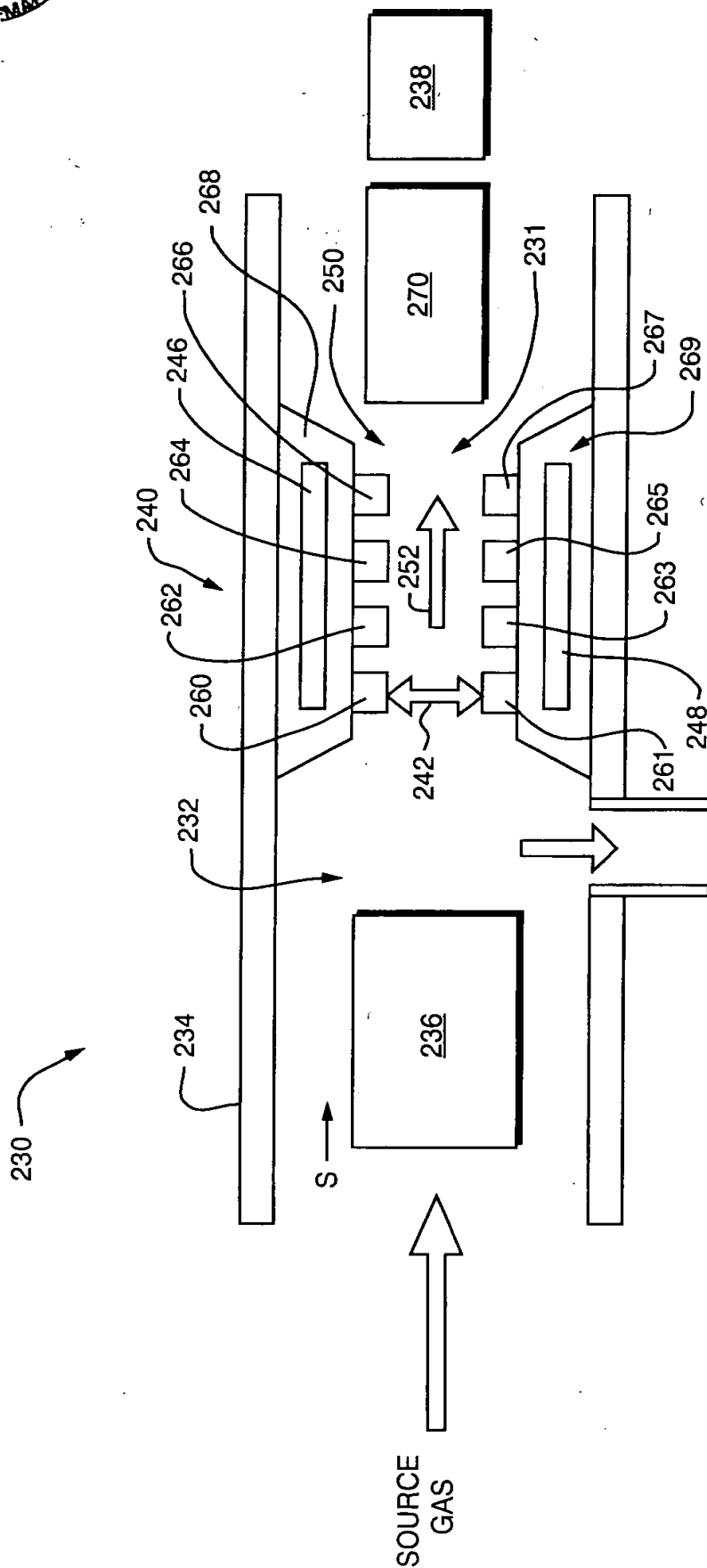


FIG. 9
(PRIOR ART)

RECEIVED
 DEC 12 2002
 TECHNOLOGY CENTER 2800



RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



12/20

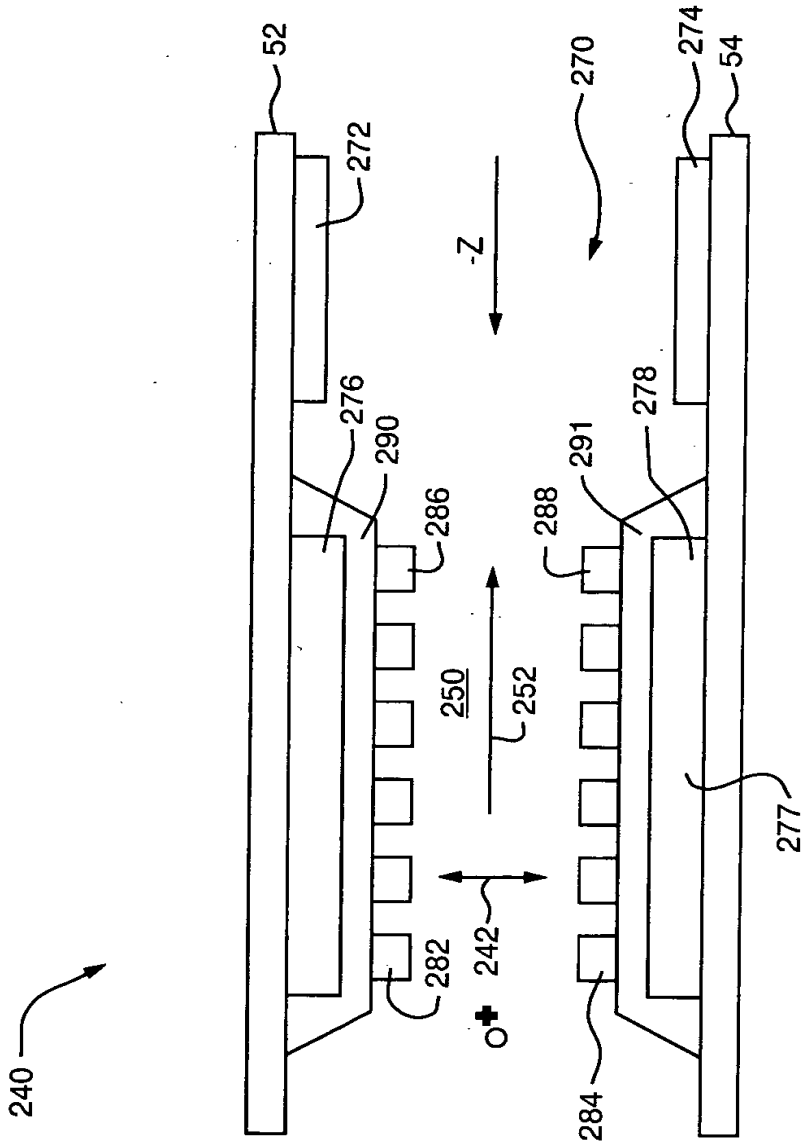


FIG. 11

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



13/20

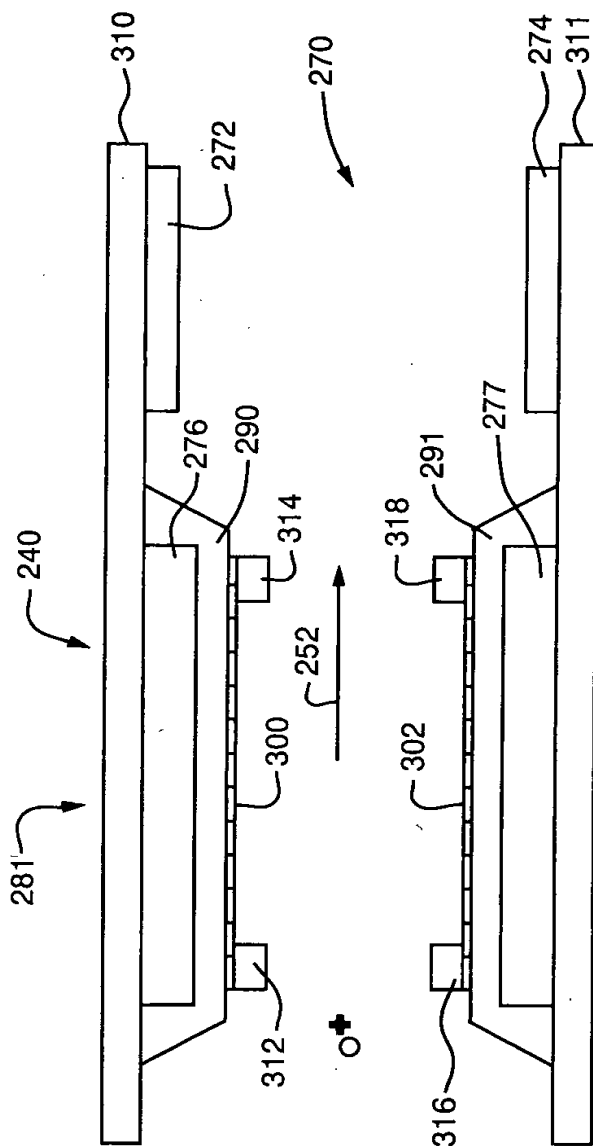


FIG. 12

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



14/20

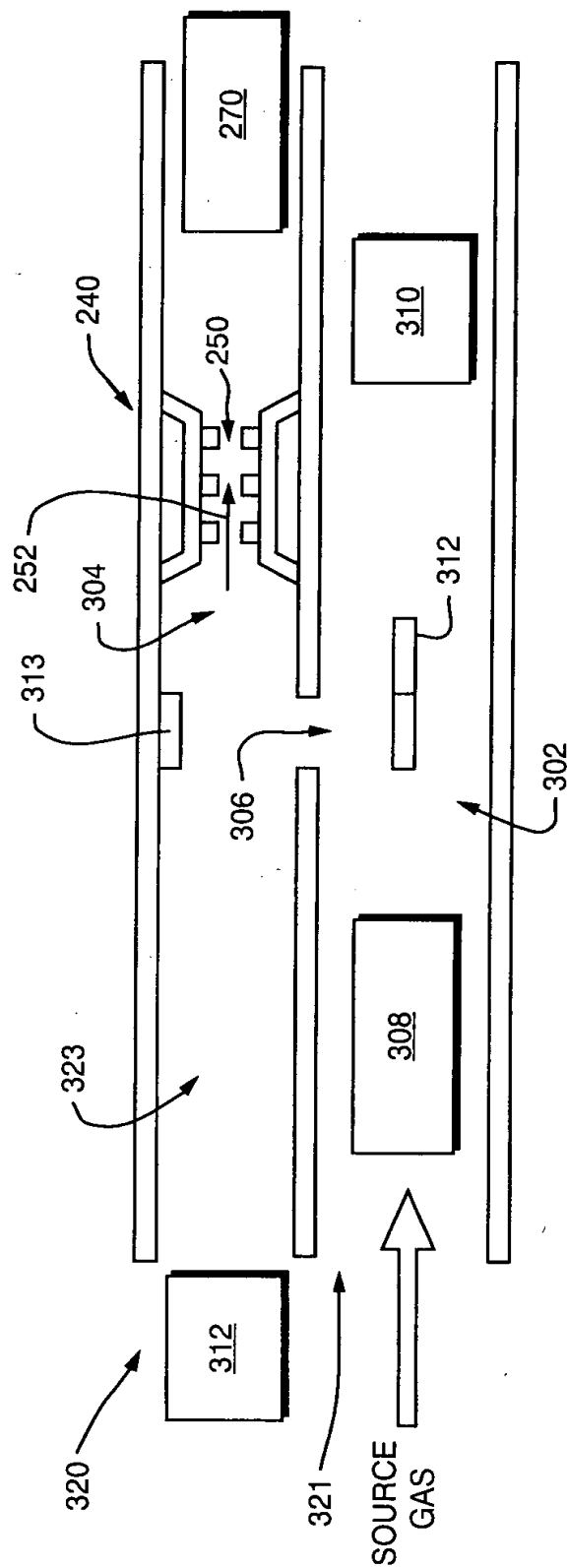


FIG. 13

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



Appl. No.: 10/082,803
Title: LONGITUDINAL FIELD DRIVEN ION...
Inventors: Raanan A. Miller and Markus Zahn

15/20

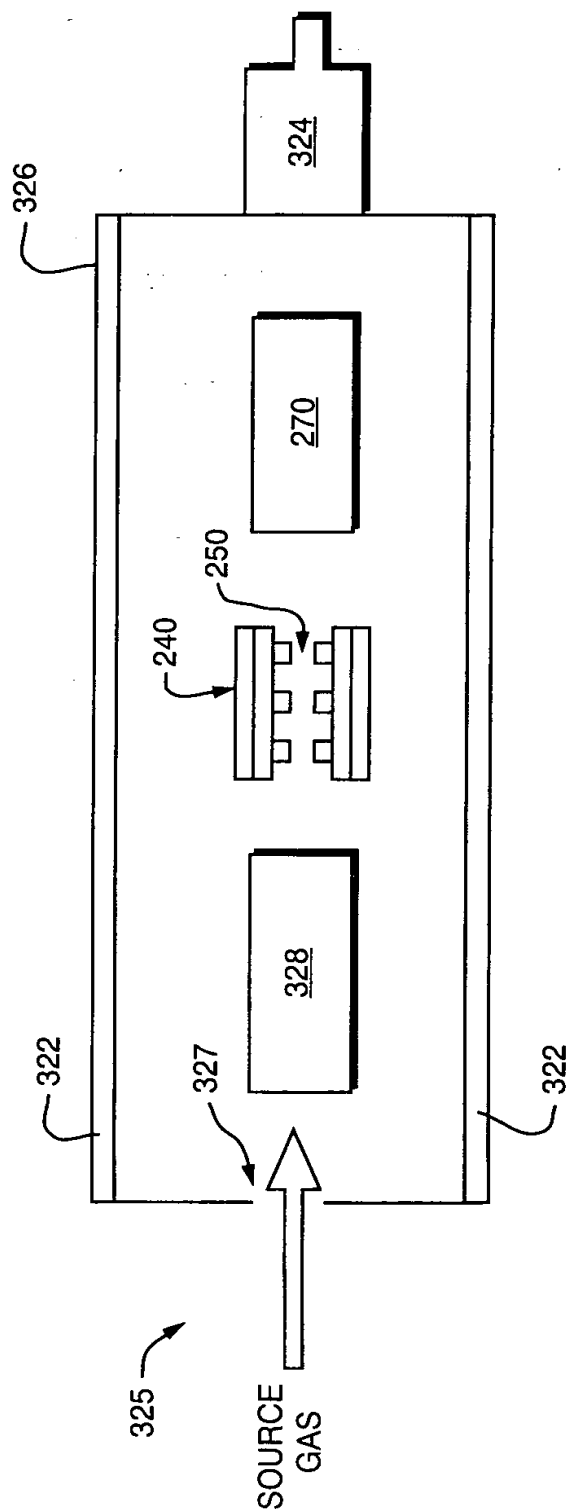


FIG. 14

TECHNOLOGY CENTER 280

DEC 12 2002

RECEIVED



16/20

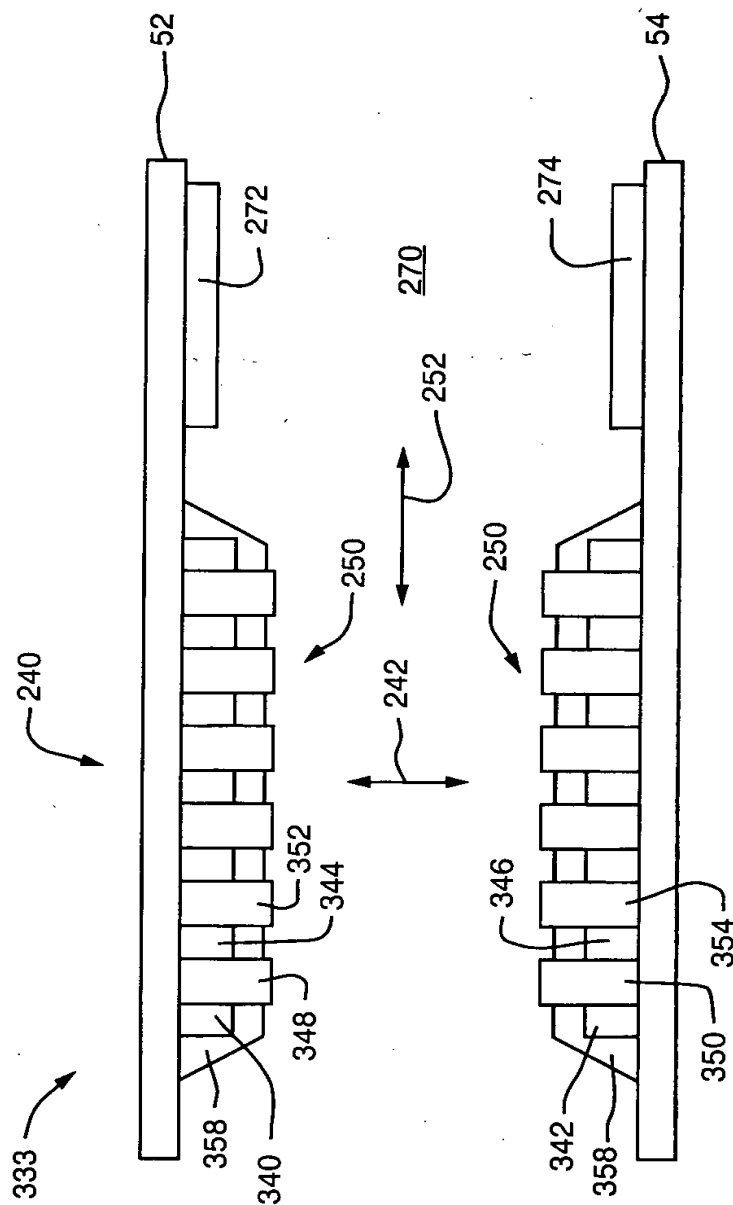


FIG. 15

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER



17/20

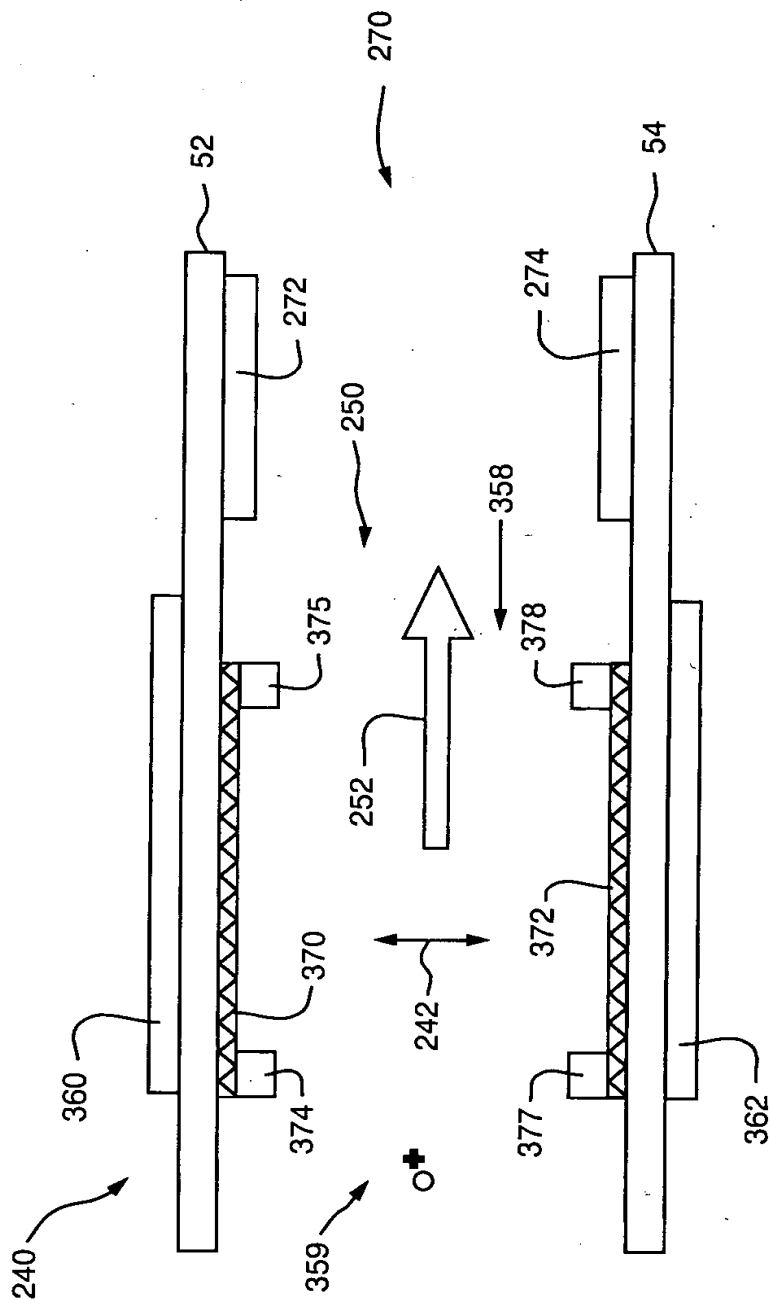


FIG. 16

TELECOMMUNICATIONS CENTER 2800

DEC 12 2002

RECEIVED

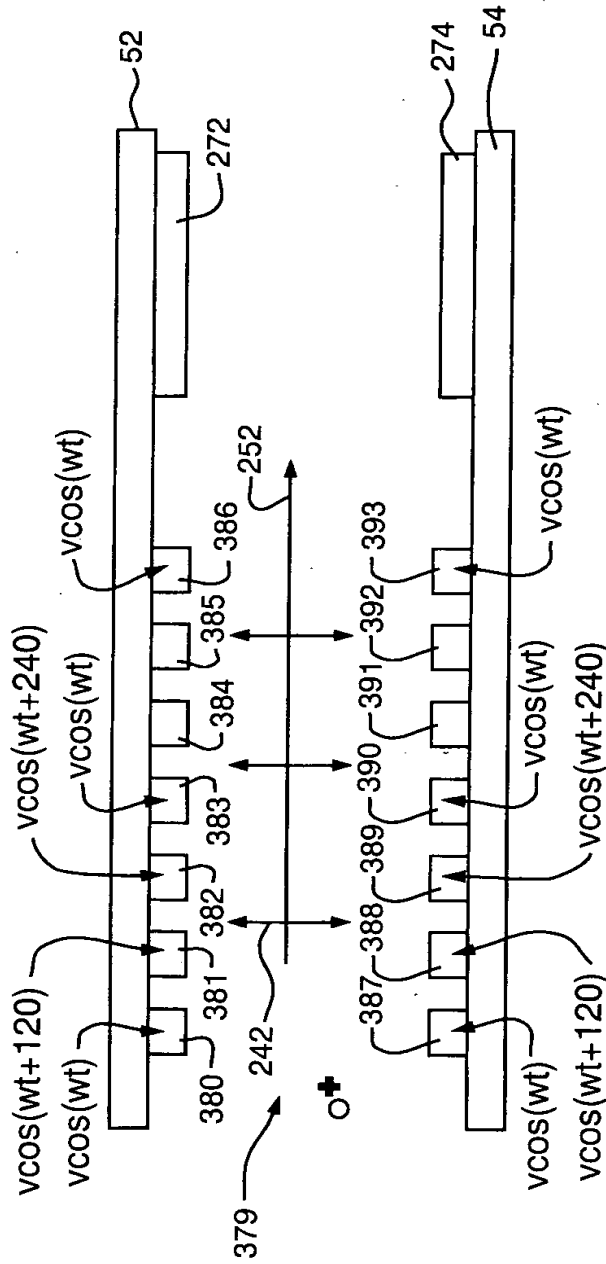


FIG. 17

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800

RECEIVED

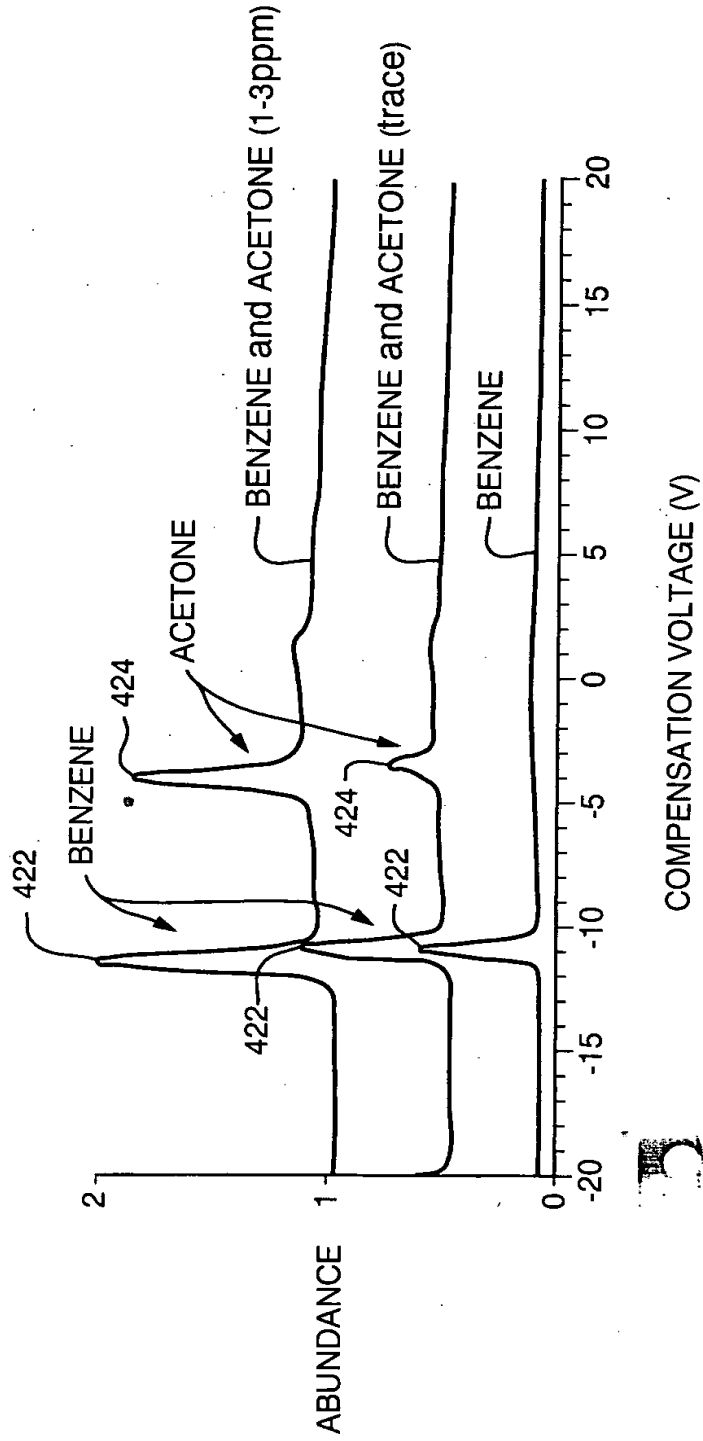


FIG. 19

RECEIVED
DEC 12 2002

TECHN. CENTER 2800

DEC 10 2002
 PATENT & TRADEMARK OFFICE

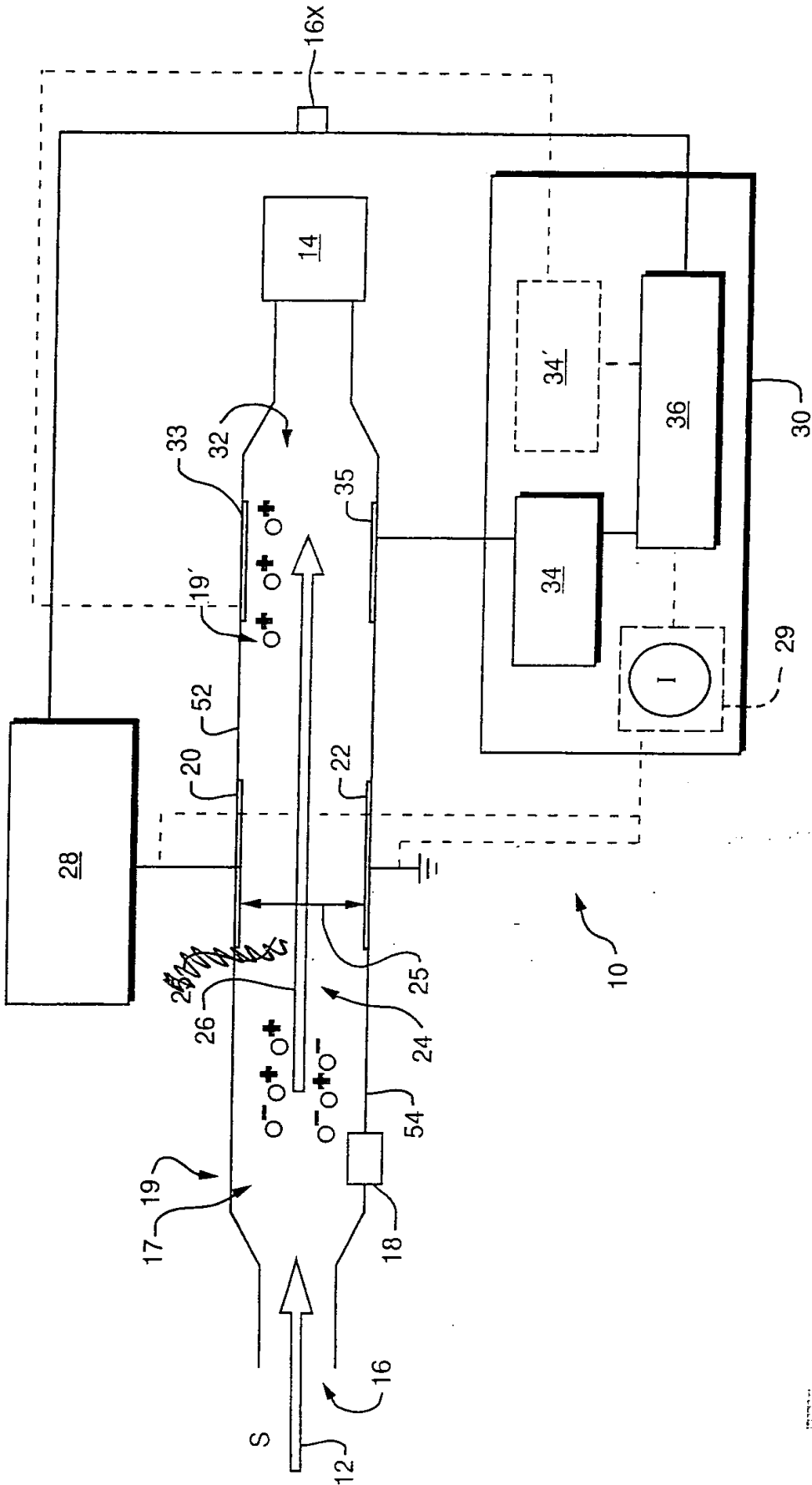


FIG. 1

TECHNOLOGY CENTER 2800

DEC 12 2002

RECEIVED



2/20

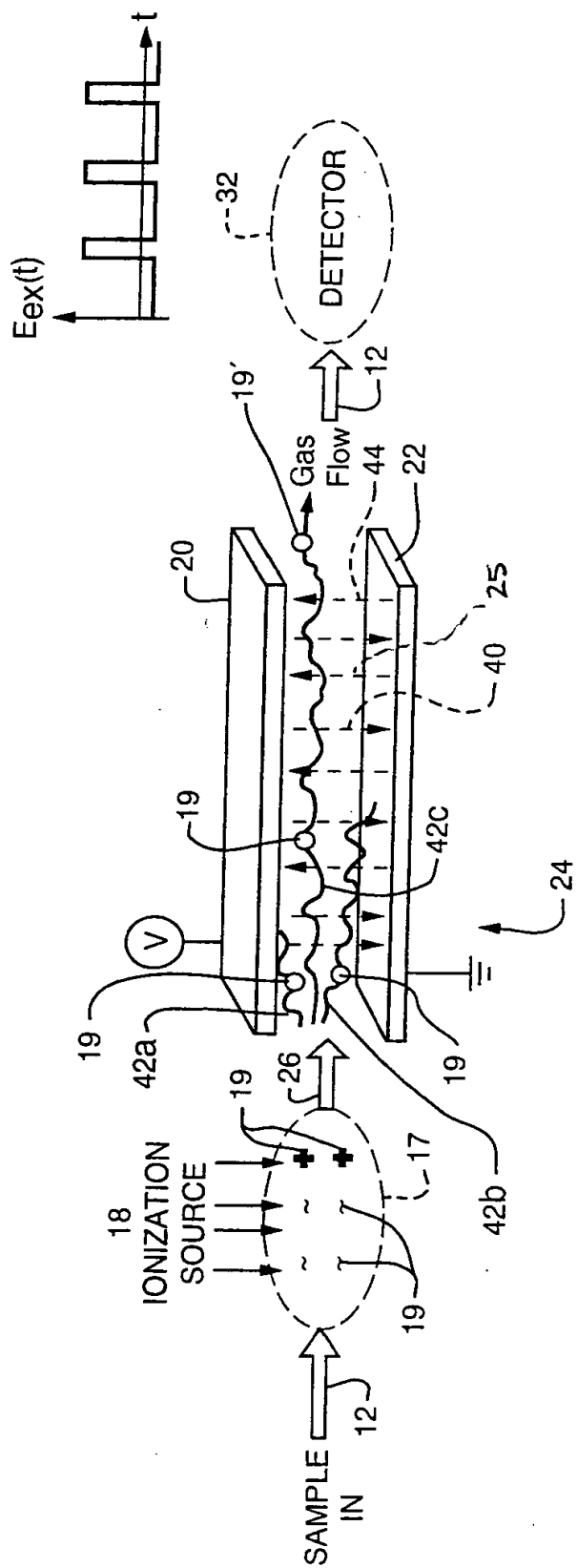


FIG. 2

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800



8/20

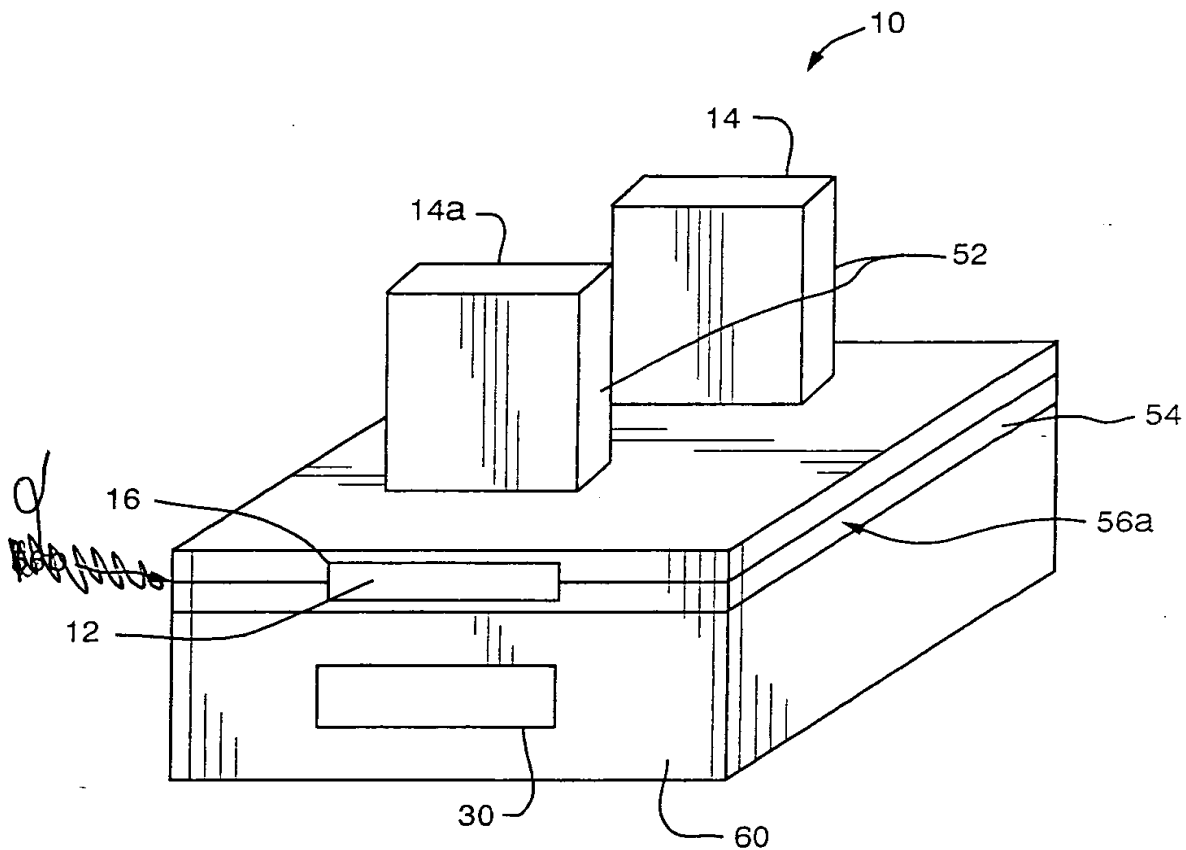


FIG. 7

RECEIVED
DEC 12 2002
TECHNOLOGY CENTER 2800

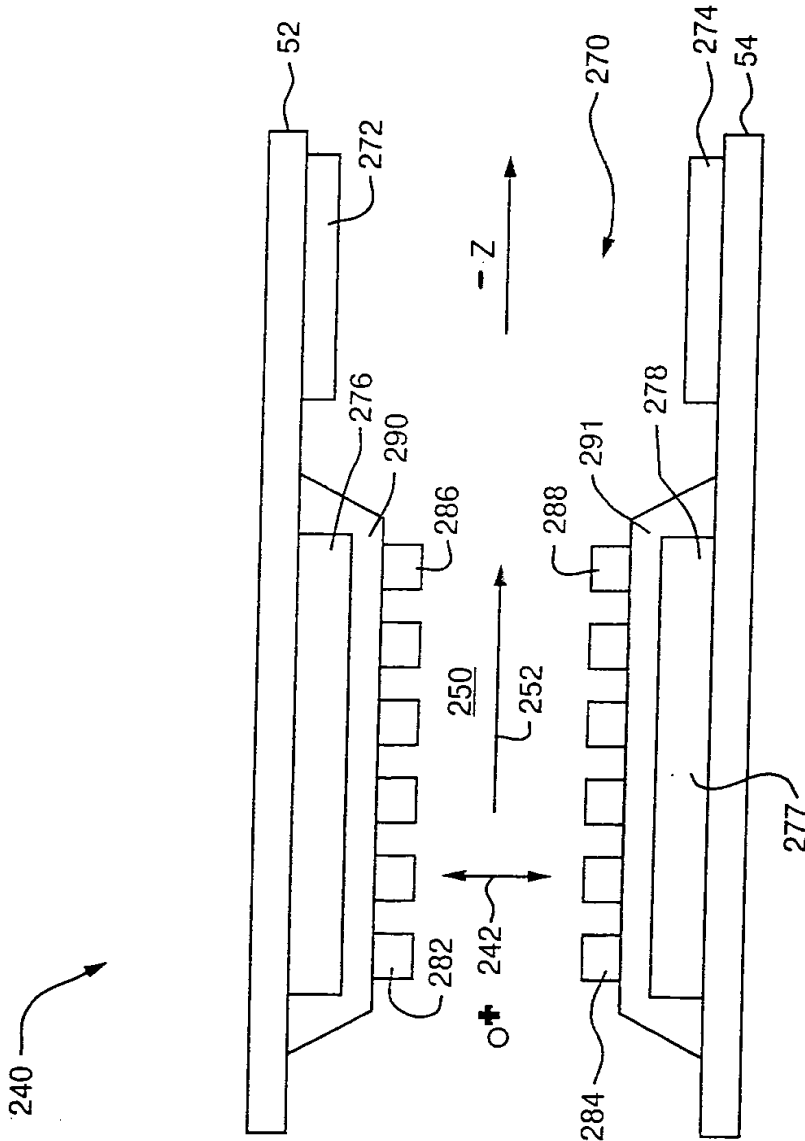


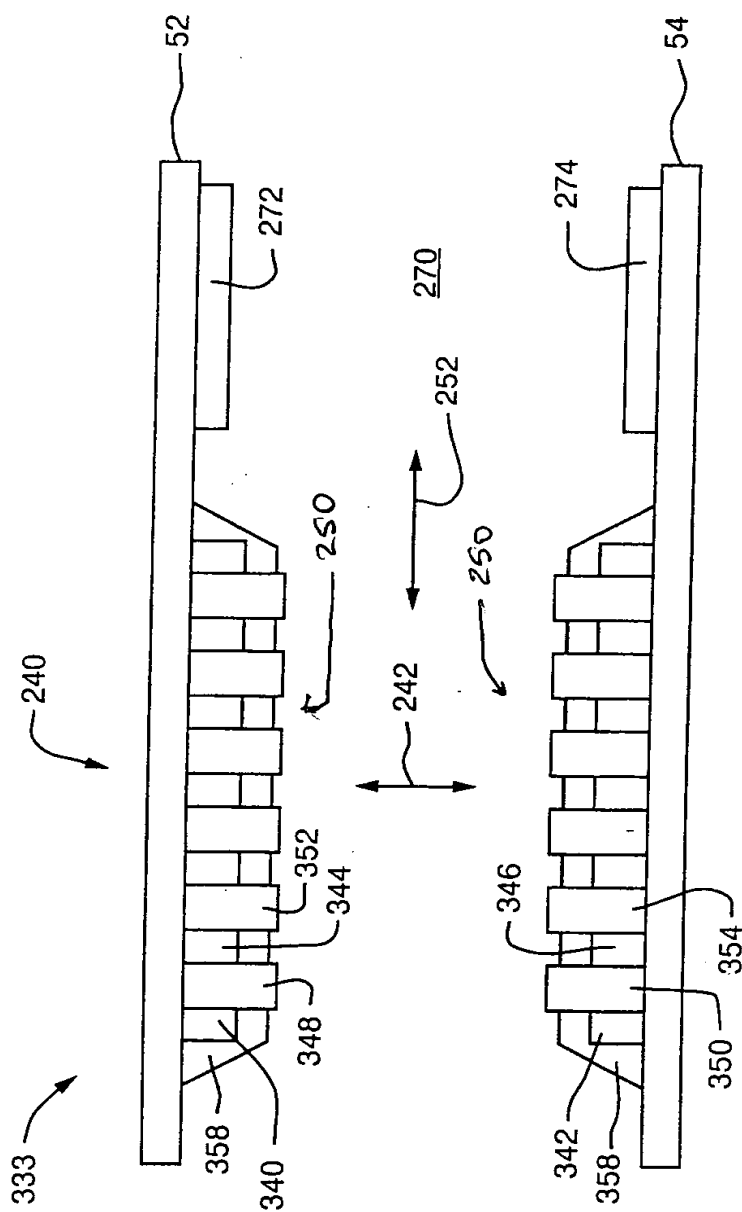
FIG. 11

TECHNOLOGY CENTER 2800

DEC 12 2002

RECEIVED

TECHNOLOGY CENTER 2800



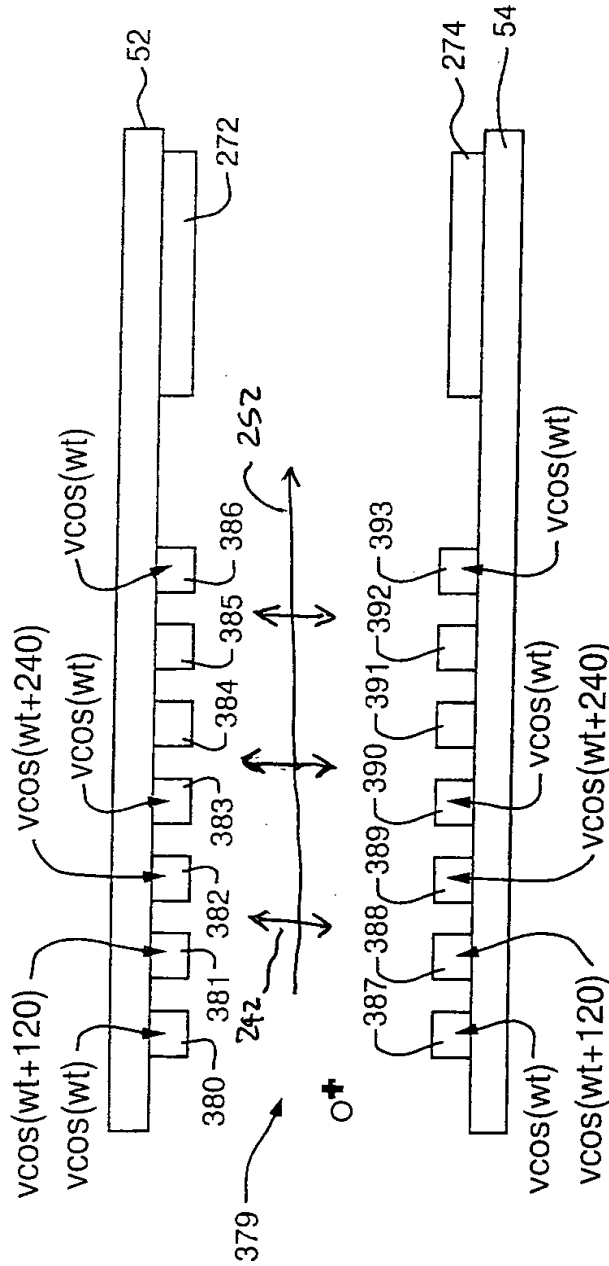


FIG. 17

TECHNOLOGY CENTER 2800

DEC 12 2002

RECEIVED